

In the claims:

1. (currently amended) A radio control protocol ~~Dynamic Radio Control Protocol~~ for use by devices in a wireless communications environment wherein multiple channels are available for communication, comprising:

transmission of channel claim messages by ones of a plurality of fixed location wireless devices operable to provide network access, ~~exchange of Claim messages between devices,~~ each channel claim ~~Claim~~ message being indicative of an intent to utilize a channel for communications with associated mobile wireless terminal devices at some subsequent point in time, wherein each fixed location device uses the claim messages it sends and receives to select a channel on which to communicate;

transmission of presence announce messages by the fixed location devices, ~~exchange of Announce messages between devices,~~ wherein some devices send Announce ~~the announce~~ messages being indicative of to indicate their presence of the transmitting device, magnitude of intentional transmission power attenuation by the transmitting device, and ~~their~~ protocol capability of the transmitting device to other devices; and

an association auction including:

transmission of an association bid message from a mobile wireless terminal device to a particular fixed location device, the bid message being a request ~~periodic exchange of Bid messages between devices,~~ wherein a sending device sends a Bid message to a receiving device to indicate that the sending device desires to communicate in the wireless communications environment via the particular fixed location device ~~receiving device,~~ and wherein a decision to send a bid message is based at least in-part on an indication that the

receiving device is capable of providing better service as a function of magnitude of intentional transmission power attenuation by the particular fixed location device; and

transmission of an accept message by the particular fixed location device in response to the bid message, the accept message indicating exchange of Accept messages between devices, wherein a sending device sends an Accept message to a receiving device in response to a Bid message to indicate that the sending particular fixed location device will allow the receiving wireless terminal device which transmitted the bid message device to communicate in the wireless communications environment via the sending particular fixed location device, and wherein the sending particular fixed location device does not send an Accept accept message to the wireless terminal device which transmitted the bid message receiving device if the sending particular fixed location device determines to not accept the request to associate a bid from the receiving device.

2. (currently amended) The protocol of claim 1 further comprising:

exchange of registration request messages between devices, wherein a sending device sends a registration request message to a receiving device to indicate that the sending device desires to communicate in the wireless communications environment via the receiving device using the radio control protocol ~~Dynamic Radio Control Protocol~~;

exchange of registration acknowledge messages between wireless devices, wherein a sending device sends a registration ~~Registration~~ acknowledge message to a receiving device in response to a registration request ~~Registration Request~~ message, to indicate that the sending device understands that the receiving device will communicate in the wireless communications environment using the radio control protocol ~~Dynamic Radio Control Protocol~~.

3. (cancelled)